

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/001466

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 298 233 B1 (DORENBOSCH JHEROEN PIETER ET AL) 2 October 2001 (2001-10-02) abstract column 5, line 60 – column 7, line 42; claims 3,8; figures 4,7	1-19
X	US 5 987 306 A (BERNTZEN RUNE ET AL) 16 November 1999 (1999-11-16) abstract column 1, lines 6-11 column 2, lines 5-26 column 3, line 25 – column 7, line 9 column 10, line 65 – column 13, line 20	1-19

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

3 September 2004

Date of mailing of the international search report

20/09/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 385 173 B1 (CRONA ANNELI ET AL) 7 May 2002 (2002-05-07) column 1, lines 35-47	1-4, 7-9, 13, 14
A	column 2, lines 23-26 column 4, lines 50-58 column 5, lines 1-35 column 10, line 48 - column 11, line 22 -----	5, 6, 10-12, 15-19
P, X	WO 03/094564 A (LEITCH ADAM S ; KONINKL PHILIPS ELECTRONICS NV (NL)) 13 November 2003 (2003-11-13) abstract page 1, lines 14-25 page 2, lines 10-17 page 3, lines 5-7 page 4, line 14 - page 6, line 3 page 7, lines 27,28 page 8, lines 18-23 -----	1-19
P, X	IEEE: "IEEE 802.11h : Amendment 5: Spectrum and Transmit Power Management Extensions in the 5 GHz band in Europe" IEEE STANDARD, 14 October 2003 (2003-10-14), pages 1-59, XP002292634 NEW YORK Retrieved from the Internet: URL:www.ieee.com> cited in the application pages 14-21 -----	1-19
A	IEEE: "IEEE 802.11h Potential Draft Text D2.0" IEEE STANDARDS, March 2002 (2002-03), pages 1-63, XP002292635 NEW YORK Retrieved from the Internet: URL:www.ieee.com> pages 16-24 pages 28-29 -----	
A	IEEE: "IEEE 802.11 WLAN Part 11: Medium Access Control and Physical Specifications" IEEE STANDARDS, 1999, XP002292636 NEW YORK Retrieved from the Internet: URL:www.ieee.com> page 37 pages 45-54 page 80 pages 123-128 -----	

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/IB2004/001466

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 6298233	B1	02-10-2001	NONE		
US 5987306	A	16-11-1999	NO	942031 A	04-12-1995
			AT	249131 T	15-09-2003
			AU	2632395 A	21-12-1995
			DE	69531689 D1	09-10-2003
			DE	69531689 T2	15-07-2004
			EP	0772946 A2	14-05-1997
			WO	9533352 A2	07-12-1995
US 6385173	B1	07-05-2002	AU	2953400 A	04-09-2000
			WO	0049822 A1	24-08-2000
WO 03094564	A	13-11-2003	WO	03094564 A1	13-11-2003